

RECEIVED  
CENTRAL FAX CENTER

AUG 07 2007

WOMBLE  
CARLYLE  
SANDRIDGE  
& RICEA PROFESSIONAL LIMITED  
LIABILITY COMPANYATLANTA  
CHARLOTTE  
RALEIGH  
RESEARCH TRIANGLE PARK  
WASHINGTON, D.C.  
WINSTON-SALEM  
DELAWARE

## FACSIMILE

From: Dana E. Stano  
Direct Dial: (404) 879-2437  
E-Mail: dstano@wcsr.com  
Attorney Number: 1593

TO:	Commissioner for Patents	COMPANY:	U.S. Patent and Trademark Office
FAX:	571-273-8300	PAGES:	5 (including cover)
PHONE:		DATE:	August 7, 2007
RE:	U.S. Patent Application No. 09/989,898	ATTORNEY DOCKET/REF. NO.	R029 1559/US
		ACCOUNTING NO.	38400.0172.2

☐ Urgent☐ For Review☐ Please Comment☐ Please Reply☐ Please Recycle

*CONFIDENTIAL AND PRIVILEGED: The information contained in this facsimile is privileged and confidential information intended for the sole use of the addressee. If the reader of this facsimile is not the intended recipient, or the employee or agent responsible for delivering it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this FAX in error, please immediately notify the person listed above, and return the original message by mail to the sender at the address listed above.*

*Please call the following number if the message you receive is incomplete or not legible: 404-879-2412*

In re application of: Laurence M.C. Lai

Application No.: 09/989,898

Filed: November 19, 2001

For: Manufacture Having Double Sided Features In A Metal Containing Web And Manufacture And  
Method For Forming Same In A Liquid-Based Etch Process

OFFICIAL

Attached in connection with the above-identified patent application are the following:

- (1) Transmittal Form;
- (2) Fee Transmittal; and
- (3) Response to Election of Species Requirement.

1201 West Peachtree Street, Suite 3500 Atlanta, GA 30309-3574

Telephone (404) 872-7000

Fax: (404) 888-7490

WCSR 3600795v1

**RECEIVED  
CENTRAL FAX CENTER**

**AUG 07 2007**

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

4


Application Number	09/989,898
Filing Date	November 19, 2001
First Named Inventor	Laurence M.C. Lai
Art Unit	1765
Examiner Name	Alanko, Anita Karen
Attorney Docket Number	R029 1559/US

**ENCLOSURES (Check all that apply)**

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br><input type="checkbox"/> Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify<br>below): |
|--|---|---|

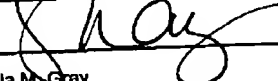
Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Womble Carlyle Sandridge & Rice, PLLC		
Signature			
Printed name	Dana E. Stano		
Date	August 7, 2007	Reg. No.	50,750

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature		Date	August 7, 2007
Typed or printed name	Shelia M. Gray		

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 07 2007

PTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0.00

**Complete if Known**

Application Number	09/989,898
Filing Date	November 19, 2001
First Named Inventor	Laurence M.C. Lai
Examiner Name	Alanko, Anita Karen
Art Unit	1765
Attorney Docket No.	R029 1559/US

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 09-0528 Deposit Account Name: Womble Carlyle Sandridge & Rice, PLLC

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES****Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Fee (\$)	Small Entity Fee (\$)
50	25
200	100
360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
---------------------	---------------------	-----------------	----------------------

- 20 or HP =	x	=	
--------------	---	---	--

HP = highest number of total claims paid for, if greater than 20.

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
----------------------	---------------------	-----------------	----------------------

- 3 or HP =	x	=	
-------------	---	---	--

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
---------------------	---------------------	---	-----------------	----------------------

- 100 =	/ 50 =	(round up to a whole number) x	=	
---------	--------	--------------------------------	---	--

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): \_\_\_\_\_

**SUBMITTED BY**

Signature

*Dana E. Stano*Registration No.  
(Attorney/Agent)

50,750

Telephone 404-879-2437

Name (Print/Type)

Dana E. Stano

Date August 7, 2007

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED  
CENTRAL FAX CENTER

004/005

AUG 07 2007

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
 )  
 Laurence M.C. Lai )  
 )  
 Application No.: 09/989,898 )  
 )  
 Filed: November 19, 2001 )  
 )  
 For: MANUFACTURE HAVING DOUBLE SIDED FEATURES IN  
 A METAL CONTAINING WEB AND MANUFACTURE  
 AND METHOD FOR FORMING SAME IN A LIQUID-BASED  
 ETCH PROCESS

Examiner: Alanko, Anita Karen  
Art Unit: 1765  
Conf. No.: 1341

RESPONSE TO ELECTION OF SPECIES REQUIREMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed July 27, 2007, with a period for reply set to expire on August 27, 2007, Applicant hereby elects **Species i**, allowing a feature to extend from an edge and crimping. Claims 25-39, 41, 42, 49, 51, and 52 read on Species i. Claims 25-39, 42, 49, and 52 are generic.

It will be understood that this election is made without prejudice to the subject matter therein. Applicant reserves the right to file one or more continuing applications drawn to any non-elected species, claims, and/or inventions.

This response is being filed within the one-month time period for reply set forth in the Office Action. Accordingly, Applicant requests that the examination and prosecution of this application be performed in an expedited manner. If the Examiner believes that there are any

CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being sent via facsimile to the U.S. Patent Office at facsimile number 571-273-8300 on the date shown below.

8/7/07  
Date

  
Sheila M. Gray

Response to Office Action mailed July 27, 2007  
U.S. Patent Application No. 09/989,898  
Page 2 of 2

issues that can be resolved by telephone conference, or if there are any informalities that may be addressed by an Examiner's amendment, the Examiner is invited to contact the undersigned at (404) 879-2437.

The Commissioner is hereby authorized to charge any fees due, or credit any overpayment, to Deposit Account No. 09-0528.

Respectfully submitted,



Dana E. Stano  
Reg. No. 50,750

Date: August 7, 2007  
Womble Carlyle Sandridge & Rice, PLLC  
P.O. Box 7037  
Atlanta, GA 30357-0037  
(404) 879-2437 (direct)  
(404) 879-2937 (facsimile)

Atty Docket No.: R029 1559/US (38400.0172.2)